

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 77-27

NPDES NO. CA0028231

WASTE DISCHARGE REQUIREMENTS FOR:

PLEX CHEMICAL CORPORATION
UNION CITY, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, finds that:

1. Plex Chemical Corporation, hereinafter called the discharger, submitted a report of waste discharge (NPDES Short Form C) dated April 5, 1976.
2. Stormwater runoff from positions of the discharger's 5.5 acre plant area contains pollutants from the storage and handling of caustics, acids, and detergent base materials used in the production of cleaning compounds. These areas are shown as areas A and B in Attachment A of this Order. Polluted runoff is discharged to a storm sewer on Atlantic Avenue adjacent to its property which in turn empties into Alameda Creek, a water of the United States.
3. The Board, on April 8, 1975, adopted a Water Quality Control Plan for San Francisco Bay Basin. The Plan contains water quality objectives for Alameda Creek and San Francisco Bay.
4. The beneficial uses of Alameda Creek and the affected parts of San Francisco Bay are:
 - a. Recreation
 - b. Fish migration and habitat
 - c. Habitat and resting for waterfowl and migratory birds
 - d. Industrial water supply
 - e. Esthetic enjoyment
 - f. Navigation
 - g. Commercial and sport fishing
5. Effluent limitation toxic effluent standards established pursuant to Sections 301, 302, 304, and 307 of the Federal Water Pollution Control Act and amendments thereto are applicable to the discharge.
6. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity for a public hearing and an opportunity to submit their written views and recommendations.
7. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.
8. This project meets the criteria of Section 13390 of the California Water Code for an exemption from the provisions of the California Environmental Quality Act of 1970.

9. This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendments thereto, and shall take effect at the end of ten days from date of hearing provided the Regional Administrator, U. S. Environmental Protection Agency, has no objections.

IT IS HEREBY ORDERED that Plex Chemical Corporation, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, and the provisions of the Federal Water Pollution Control Act and regulations and guidelines adopted thereunder, shall comply with the following:

A. Prohibitions

The discharge of any wastewater during dry weather to waters of the State is prohibited.

B. Effluent Limitations

The following limitations apply to the discharge of stormwater runoff from area A, as shown in attachment A.

1. The discharge shall not have pH of less than 6.5 nor greater than 8.5.
2. The discharge shall not contain MBAS in excess of 20 mg/l as an average of three samples collected in any given day.

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place:
 - a. Floating, suspended, or deposited macroscopic particulate matter or foam;
 - b. Bottom deposits or aquatic growths;
 - c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;
 - d. Visible, floating, suspended, or deposited oil or other products of petroleum origin;
 - e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.
 - f. Variation from natural ambient pH by more than 0.2 pH units at any place in waters of the State.

2. The discharge shall not cause a violation of any applicable water quality standard for receiving waters adopted by the Board or the State Water Resources Control Board as required by the Federal Water Pollution Control Act and regulations adopted thereunder. If more stringent applicable water quality standards are promulgated or approved pursuant to Section 303 of the Federal Water Pollution Control Act, or amendments thereto, the Board will revise and modify this Order in accordance with such more stringent standards.

D. Provisions

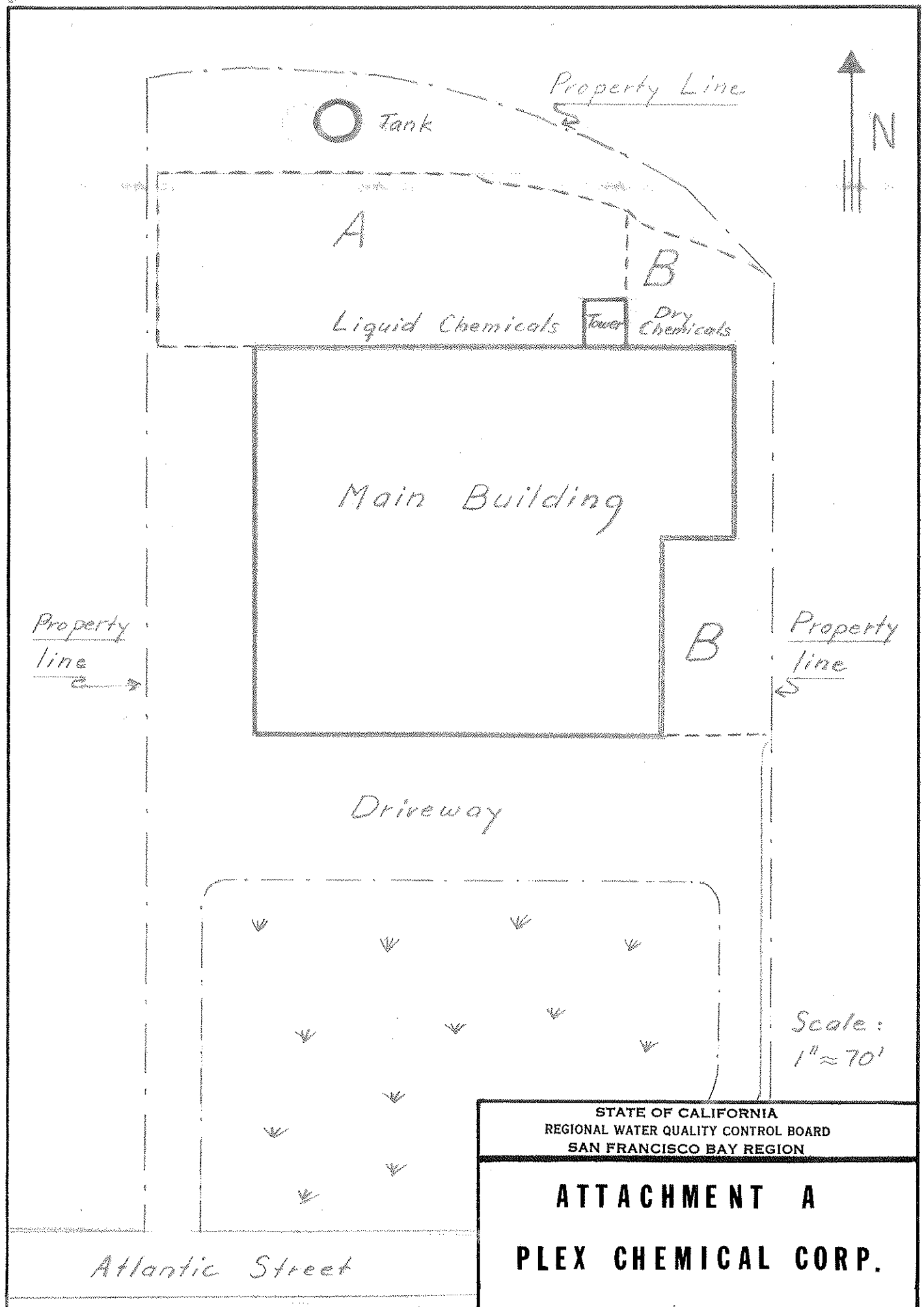
1. Neither the treatment nor the discharge of pollutants shall create a nuisance as defined in the California Water Code.
2. Containment measures shall be implemented for area A, as shown in attachment A, where liquid caustics, acids, and detergent base chemicals are stored and handled, to prevent the discharge of spilled materials to waters of the State and to collect and treat stormwater runoff.
3. Containment measures shall be implemented for the tank containing alkyl benzene compounds to prevent the discharge of spilled materials to waters of the State. The tank is shown in attachment A.
4. Area B, as shown in attachment A, shall be swept weekly during the dry weather period of the year (April 1 to October 31) and daily, when weather conditions permits, during the wet weather period of the year (November 1 - March 31) to minimize the discharge of any pollutants to waters of the State. Area B is used as storage and handling area for dry chemicals and process materials.
5. The discharger shall comply with the Effluent Limitations and Provisions D.2 and D.3 of this Order by July 1977. All other sections of this Order shall be complied with immediately upon its adoption.
6. This Order includes items 1 and 5 of the attached "Reporting Requirements", dated August 8, 1973.
7. This Order includes items 1, 2, 4, 5, 6, 7, 8, 9, and 10 of the attached "Standard Provisions", dated November 20, 1974.
8. This Order expires on December 1, 1981, and the discharger must file a Report of Waste Discharge in accordance with Title 23, California Administrative Code, not later than 180 days in advance of such date as application for issuance of new waste discharge requirements.
9. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by a letter, a copy of which shall be forwarded to this Board.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on April 19, 1977.

FRED H. DIERKER
Executive Officer

Attachments:

Reporting Requirements 8/8/73
Standard Provisions 11/20/74
Self-Monitoring Program



STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ATTACHMENT A
PLEX CHEMICAL CORP.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM
FOR

Plex Chemical Corporation

Union City

Alameda County

NPDES NO. CA 0028231

ORDER NO. 77-27

CONSISTS OF

PART A

AND

PART B

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. EFFLUENT

<u>Station</u>	<u>Description</u>
E-1	At any point in the outfall from the stormwater collection facilities between the point of discharge to Atlantic Street and the point at which all waste tributary to that outfall is present.

II. SCHEDULE OF SAMPLING, MEASUREMENTS, AND ANALYSES

- A. The schedule of sampling, measurements and analysis shall be that given as Table I.
- B. Monthly self-monitoring reports shall include rainfall records by date and amount.

I, Fred H. Dierker, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

- 1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 77-27.
- 2. Does not include the following paragraphs of Part A:

C.3., C.4., C.5.a., C.5.c., C.5.d., C.5.e., D.1., D.4., E.1., E.2., E.4., F.2., F.3.g.
- 3. Has been ordered by the Executive Officer on April 19, 1977, and becomes effective immediately.
- 4. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

TABLE I
SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSES

SAMPLING STATIONS	E-1								
TYPE OF SAMPLES	G*								
pH (units)	2/M								
Toxicity, % Survival	2 M								
All applicable standard observation	2/M								
MBAS (mg/l)	2/M								

LEGEND

G = Grab sample
O = Observations
E = Waste effluent station
M = One day each month
2/M = Two days each month
Y = One day each year

*Take a minimum of 3 grab samples on the day of sampling. The first sample for each day shall be taken during the first hour of discharge, and the others at equal time intervals thereafter. The three samples shall be combined and analyzed.